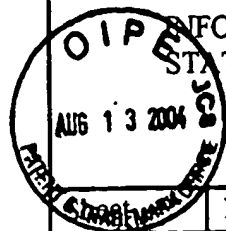


Substitute for form 1449/PTO

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use as many sheets as necessary)



Application Number	10/756181
Filing Date	January 13, 2004
First Named Inventor	Sawhney
Art Unit	3731
Examiner Name	Unknown
Attorney Docket Number	3516.09US04

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of

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		
✓		US-3,640,741	02-08-1972	Etes
		US-3,865,108	02-11-1975	Hartop
		US-3,991,766	11-16-1976	Schmitt et al.
		US-3,992,562	11-16-1976	Denzinger et al.
		US-4,002,173	01-11-1977	Manning et al.
		US-4,014,335	03-29-1977	Arnold
		US-4,207,893	06-17-1980	Michaels
		US-4,359,049	11-16-1982	Redl et al.
		US-4,369,229	01-18-1983	Shah
		US-4,655,771	04-07-1987	Wallsten
		US-4,674,658	06-23-1987	Van Brocklin
		US-4,735,616	04-05-1988	Eibl et al.
		US-4,741,872	05-03-1988	DeLuca et al.
		US-4,762,129	08-09-1988	Bonzel
		US-4,826,945	05-02-1989	Cohn et al.
		US-4,874,368	10-17-1989	Miller et al.
		US-4,902,281	02-20-1990	Avoy
		US-4,938,763	07-03-1990	Dunn et al.

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
✓		WO 95/08289	03-30-1995	Buscemi et al.	
		WO 00/09199	02-24-2000	Sawhney et al.	
		WO 00/37178	06-29-2000	Duronio et al.	

EXAMINER
SIGNATURE

R. TRUJILLO

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
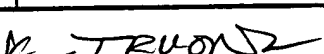
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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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

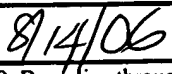
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/756181
				Filing Date	January 13, 2004
				First Named Inventor	Sawhney
				Art Unit	3734
				Examiner Name	Unknown
Sheet	2	of	7	Attorney Docket Number 3516.09US04	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number-Kind Code ² (if known)			
W		US-4,978,336	12-18-1990	Capozzi et al.	
		US-5,067,497	11-26-1991	Greear et al.	
		US-5,090,995	02-25-1992	Kubota et al.	
		US-5,100,992	03-31-1992	Cohn et al.	
		US-5,116,315	05-26-1992	Capozzi et al.	
		US-5,156,594	10-20-1992	Keith	
		US-5,160,745	11-03-1992	DeLuca et al.	
		US-5,171,148	12-05-1992	Wasserman et al.	
		US-5,198,220	03-30-1993	Damani	
		US-5,275,616	01-04-1994	Fowler	
		US-5,280,258	01-18-1994	Opperthausen	
		US-5,290,259	03-01-1994	Fisher	
		US-5,322,510	06-21-1994	Linder et al.	
		US-5,324,775	06-28-1994	Rhee et al.	
		US-5,328,471	07-12-1994	Slepian	
		US-5,368,563	11-29-1994	Lonneman et al.	
		US-5,410,016	04-25-1995	Hubbell et al.	
		US-5,474,540	12-12-1995	Miller et al.	
FOREIGN PATENT DOCUMENTS					
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K. TRUONG		8/4/06			
<p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p> <p><small>¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.</small></p> <p><small>This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</small></p>					

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				Filing Date	January 13, 2004
				First Named Inventor	Sawhney
				Art Unit	3731
				Examiner Name	Unknown
Sheet	3	of	7	Attorney Docket Number 3516.09US04	
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		Number-Kind Code ² (if known)			
W		US-5,476,434	12-19-1995	Kalb et al.	
		US-5,478,352	12-26-1995	Fowler	
		US-5,522,898	06-04-1996	Bao	
		US-5,582,596	12-10-1996	Fukunaga et al.	
		US-5,605,541	02-25-1997	Holm	
		US-5,645,583	07-08-1997	Villain et al.	
		US-5,656,035	08-12-1997	Avoy	
		US-5,716,375	02-10-1998	Fowler	
		US-5,725,498	03-10-1998	Janzen et al.	
		US-5,749,698	05-12-1998	Miyoshi	
		US-5,785,679	07-28-1998	Abolfathi et al.	
		US-5,810,885	09-22-1998	Zinger	
		US-5,830,196	11-03-1998	Hicks	
		US-5,895,405	04-20-1995	Inderbitzen	
		US-5,904,665	05-18-1999	Muharib	
		US-6,065,645	05-23-2000	Sawhney et al.	
		US-6,325,789	12-04-2001	Janzen et al.	
		US-6,334,865	01-01-2002	Redmond et al.	
FOREIGN PATENT DOCUMENTS					
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
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<p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p> <p><small>¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.</small></p> <p><small>This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</small></p>					

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				First Named Inventor	Sawhney
				Art Unit	3731
				Examiner Name	Unknown
Sheet	4	of	7	Attorney Docket Number 3516.09US04	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number-Kind Code ² (if known)			
		US-6,454,785	09-24-2002	De Hoyos Garza	
		US-6,520,977	02-18-2003	Piraka	
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				Examiner Name	Unknown
Sheet	5	of	7	Attorney Docket Number 3516.09US04	
NON PATENT LITERATURE DOCUMENTS					
EXAMINER INITIAL*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
w		ABUSAFIEH ET AL., "Development of Self-Anchoring Bone Implants. I. Processing and Material Characterization," <u>J. Biomat. Mater. Res. (Appl. Biomater.)</u> , 38:314-327 (1997).			
		BAHATIA ET AL., "The Effect of Site of Implantation and Animal Age on properties of Polydioxanone Pins," <u>J. Biomater. Sci., Polymer. Edn.</u> , Bamford, C.H. et al., eds., 6(5): 435-446 (1994).			
		BRUDIN, "Hydrogel Tubal Blocking Device: P-Block," <u>Female Transcervical Sterilization</u> , Zatuchni, G.I. et al., eds., Harper & Row, Philadelphia, Pennsylvania, 240-244 (1982).			
		CHISHOLM, ET AL., "Fibrin Sealant as a Plug for the Post Liver Biopsy Needle Track," <u>Clinical Radiology</u> , 40(6): 627-628 (1989).			
		GREENBERG ET AL., "Stimulation of Bone Formation by a Swelling Endosseous Implant," <u>J. Biomed. Mater. Research</u> , 12:929-933 (1978).			
		<u>Handbook of Common Polymers</u> , compiled by Roff, W.J. et al., CRC Press, Cleveland, Ohio.			
		JARRETT ET AL., "Bioabsorbable Hydrogel Tissue Barrier: In Situ Gelation Kinetics," <u>Soc. For Biomater., Transactions of 21st Annual Meeting</u> : 182 (1995).			
		<u>Medicinal Chemistry, 3rd Ed., Parts 1 and 2</u> , Burger, A. ed., Wiley-Interscience.			
		NAGAOKA ET AL., in <u>Polymers as Biomaterial</u> (Shalaby et al., Eds.) Plenum Press, 1983, p. 381.			
w		OKANO, ET AL., "Effect of Hydrophilic and Hydrophobic Microdomains on Mode of Interaction Between Block Polymer and Blood Platelets," <u>J. Biomed. Mats. Research</u> , 15:393-402 (1981).			
EXAMINER SIGNATURE	B. TRUONG			DATE CONSIDERED	8/14/06
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NON PATENT LITERATURE DOCUMENTS					
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h		ONISHI, ET AL., "Study of Dextran-Methyl Methacrylate Graft Copolymer," <u>Contemporary Topics in Polymer Science</u> , Bailey, W.J. et al., Eds., Plenum Press, New York, 4:149-162 (1984).			
		PARK, "Enzyme-Digestible Swelling Hydrogels as Platforms for Long-Term Oral Drug Delivery: Synthesis and Characterization," <u>Biomaterials</u> , 9: 435-441 (1988).			
		PARK, ET AL., "Biodegradable Hydrogels for Drug Delivery", Technomic Publishing Co., Inc., Lancaster, Pennsylvania (1993).			
		<u>Remington's Pharmaceutical Sciences</u> , 14th Ed., J.E. Hoover et al., eds., Mack Publishing Co., Easton, Pennsylvania (1970).			
		SAWHNEY, ET AL., "Bioerodible Hydrogels Based on Photopolymerized Poly(ethylene glycol)-co-poly(α-hydroxy acid) Diacrylate Macromers," <u>Macromolecules</u> , 26:581-587 (1993).			
		SHAH, "Hydrophilic-Hydrophobic Domain Polymer Systems," <u>Water Soluble Polymers</u> , Chap. 30, Shalaby, S.W. et al., eds., Amer. Chem. Soc., Washington, D.C., 467-483 (1991).			
		SHAH, "Novel Two-Phase Polymer System," <u>Polymer</u> , 28:12121216 (1987).			
		SHALABY "Bioabsorbable Polymers," <u>Encyclopedia of Pharmaceutical Technology</u> , Swarbrick, J. et al., Eds., Marcel Dekker, Inc., New York, 1:465-476 (1988).			
		SHALABY, ET AL., "In Vitro and In Vivo Studies of Enzyme Digestible Hydrogels for Oral Drug Delivery," <u>J. Controlled Release</u> , 19: 131-144 (1992).			
h		SILBERBERG, "Network Deformation in Flow," <u>Molecular Basis of Polymer Networks</u> , Chap. 30, Shalaby, S.W. et al., Eds., Amer. Chem. Soc., Washington, D.C., 467-483 (1991).			
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		SMITH ET AL., "Association Reactions for Poly(alkylene Oxides) and Polymeric Poly (carboxylic Acids)," <u>Ind. Eng. Chem.</u> , 51(11): 1361-1364 (1959).			
		TAKAYASU ET AL., "A New Hemostatic Procedure for Percutaneous Transhepatic Portal Vein Catheterization", <u>Jpn. J. Clin. Oncol.</u> , 1988, 227-230, 3.			
		<u>The Drug, The Nurse, The Patient (Including Current Drug Handbook)</u> , Falconer's 7th Ed., W.B. Saunders Co., Philadelphia, Pennsylvania (1974).			
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